1		<u>CLAIMS</u>
2	What is claimed:	
3	1.	A method of deploying computer code for a feature within a network,
4	comprising:	
5		searching locally for the code for the feature;
6		requesting the code for the feature from a server component in the
7	network;	
8		receiving the code for the feature from the server component; and
_9		activating the feature.
110 110	2.	The method of claim 1, further comprising establishing a need for the code
ロの の の の の の の の の の の の の の の の の の の	for the feature.	
型 上12	3.	The method of claim 2, wherein establishing a need for the code for the
<u>=</u> ≟13	feature is based o	on a request for the feature.
₩13 □ ₩14 □14 □15	4.	The method of claim 1, wherein the feature comprises at least one sub-
급 급15	feature.	
16	5.	The method of claim 4, wherein the sub-feature may be used with other
17	features.	
18	6.	The method of claim 1, wherein the code received from the server
19	component for th	e feature is an upgrade to an existing feature.
20	7.	The method of claim 6, further comprising upgrading other existing
21	features based on	the code received from the server component for the feature.

1	8.	The method of claim 1, wherein activating the feature comprises		
2	activating all resource	ivating all resources associated with the feature.		
3	9.	The method of claim 1, wherein the code for the feature received from the		
4	server component is	a mapping.		
5	10.	The method of claim 1, wherein requesting the code for the feature from a		
6	server component in	the network includes at least one restriction on the feature.		
7	11.	The method of claim 10, wherein the at least one restriction on the feature		
8	is set by a user.			
a 9	12.	A method of deploying computer code for a feature within a network,		
T 10	comprising:	·		
		searching locally for the code for the feature, wherein the feature		
12	comprises a plurality	of sub-features; and		
13 14 14 15		requesting the code for at least one sub-feature from a server component		
⊨ ਗ14	within the network.			
급 급1 <i>5</i>	13.	The method of claim 12, further comprising:		
16		requesting the code for the feature from the sever component within the		
17	network; and			
18		receiving information from the server component within the network		
19	about the sub-feature	es.		
20	14.	The method of claim 12, further comprising receiving code for the at least		
21	one sub-feature requ	nested from the server component within the network.		

15.	The method of claim 12, further comprising receiving a mapping for the at	
least one sub-feature requested from the server component within the network.		
16.	The method of claim 14, further comprising receiving a mapping for the at	
least one sub-feature	requested from the server component within the network.	
17.	A method of deploying computer code for a feature within a network,	
comprising:		
	receiving a request for the code for the feature from a first component	
within the network;		
	searching locally for the code for the feature; and	
	requesting the code for the feature from a second component in the	
network.		
18.	The method of claim 17, further comprising receiving the code for the	
feature from the seco	and component within the network.	
19.	The method of claim 18, further comprising determining whether the first	
component has capa	bility to process the code for the feature.	
20.	The method of claim 19, wherein capability to process the code for the	
feature is based on a	type of processor on the first component.	
21.	The method of claim 19, wherein capability to process the code for the	
feature is based on n	nemory space on the first component.	
22.	The method of claim 19, wherein capability to process the code for the	
feature is based on a	n operating system on the first component.	
	least one sub-feature 16. least one sub-feature 17. comprising: within the network; network. 18. feature from the second 19. component has capal 20. feature is based on a second 21. feature is based on many second on a second	

1	23.	The method of claim 18, further comprising transferring the code for the	
2	feature to the first component within the network.		
3	24.	The method of claim 23, further comprising encrypting the code for the	
4	feature before trans	ferring the code for the feature to the first component within the network.	
5	25.	The method of claim 23, further comprising digitally signing the code for	
6	the feature before tr	ansferring the code for the feature to the first component within the network.	
7	26.	The method of claim 23, further comprising storing locally the code for	
8	the feature.		
□ 9	27.	A method of deploying computer code for a feature within a network,	
ញ ញ10	comprising:		
9 m10 m11 m H12		receiving a request for the code for the feature from a component within	
12	the network;		
= 13		searching locally for the code for the feature; and	
H G13 H G14 G15		transferring the code for the feature to the component within the network.	
□ □15	. 28.	The method of claim 27, wherein the code for the feature transferred to the	
16	component within t	he network is a mapping.	
17	29.	The method of claim 27, wherein the feature comprises separate versions.	
18	30.	The method of claim 29, further comprising determining a version of the	
19	code for the feature	to transfer to the component within the network.	
20	31.	The method of claim 30, wherein determining a version of the code for the	
21	feature to transfer to	o the component within the network is based on a restriction.	

1	32	2.	A method of deploying computer code for a feature within a network,
2	comprising:		
3			searching locally for the code for the feature, wherein the feature
4	comprises a plura	ality	of sub-features;
5			requesting the code for at least one sub-feature from a server component in
6	the network;		
7			receiving code for at least one sub-feature from the server component; and
8	activating the at l	least	one sub-feature received from the server component.
□ 9	33	3.	The method of claim 32, wherein at least one sub-feature received from
Ō ₀	the server compo	nent	is a mapping.
	34	1 .	A method of deploying computer code for a feature within a network,
12	comprising:		
□ □13 □14 □14 □15			receiving a request for the code for the feature from a component within
⊨ <u>1</u> 14	the network, whe	erein	the feature comprises at least one sub-feature;
□ □15			searching locally for the code for the at least one sub-feature; and
16			determining whether the component has capability to process code for any
17	sub-features of th	ne fea	ature.
18	35	5.	The method of claim 34, further comprising transferring the code for the at
19	least one sub-fea	ture	to the component within the network.
20	36	6.	The method of claim 35, wherein the code for the at least one sub-feature
21	transferred to the	e com	ponent within the network is a mapping.

1	37.	The method of claim 34, further comprising transferring some of the code
2	for sub-features of	the feature to the component within the network.
3	38.	The method of claim 37, further comprising transferring code for a
4	mapping to the cor	mponent within the network.
5	39.	The method of claim 34, wherein capability to process code for any sub-
6	features of the feat	ture is based on a type of processor on the component.
7	40.	The method of claim 34, wherein capability to process code for any sub-
8	features of the feat	ture is based on memory space on the component.
브 쇼 9 하	41.	The method of claim 34, wherein capability to process code for any sub-
0 9 0 0 0 0 1 1 1 1 1 1 1	features of the feat	ture is based on an operating system on the component.
¥! ₩11 ₩	42.	The method of claim 34, wherein the request for the code for the feature
<u> </u>	includes at least or	ne restriction on the feature.
□ 13 □	43.	The method of claim 34, wherein the at least one sub-feature comprises
□ □ □	separate versions.	
15	44.	The method of claim 43, further comprising:
16		determining a version of the code for the at least one sub-feature to
17	transfer to the com	ponent within the network; and
18		transferring the version of the code for the at least one sub-feature to the
19	component within	the network.
20	45.	A method of deploying computer code for a feature within a network,
21	comprising:	
22		receiving code for a feature;

1		determining whether a client needs the feature; and
2		transferring the code for the feature to at least one client.
3	46.	The method of claim 45, wherein the feature is an upgrade to an old
4	feature.	
5	47.	The method of claim 45, further comprising transferring code for a
6	mapping to the at lea	ast one client.
7	48.	The method of claim 45, wherein the code transferred is a mapping.
8	49.	The method of claim 45, wherein the feature is a sub-feature.
다 9 때 10 때 11 11	50.	A method of deploying computer code for a feature within a network,
<u>m</u> 10	comprising:	
U! ^전 11 날		receiving a request for the code for the feature, wherein the feature
	comprises a plurality	of sub-features;
□ □13		searching locally for the code for the feature;
12 13 13 114		requesting the code for the feature from a server component within the
15	network;	
16		receiving information from the server component within the network
17	about the sub-feature	es;
18		searching locally for the code for the sub-features;
19		requesting the code for at least one sub-feature from the server component
20	within the network;	
21		receiving the code for the at least one sub-feature from the server
22	component within th	ne network: and

1		activating the at least one sub-feature.
2	51.	A method of deploying computer code for a feature within a network,
3	comprising:	
4		receiving a request for the code for the feature from a first component
5	within the network,	wherein the feature comprises a plurality of sub-features;
6		sending information to the first component about the sub-features;
7		receiving a request for the code for at least one sub-feature from the first
8	component within th	ne network;
9		searching locally for the code for the at least one sub-feature; and
回 10 第 11 第 11 第 12		requesting the code for the at least one sub-feature from a second
<u>m</u> 11	component in the ne	etwork.
ហា <u>ក</u> ា12	52.	A system for deploying computer code for a feature within a network,
	comprising:	
= 13		means for searching locally for the code for the feature;
面 <u></u> 15		means for requesting the code for the feature from a server component in
□ 16	the network;	
17		means for receiving the code for the feature from the server component;
18	and	
19		means for activating the feature.
20	53.	The system of claim 52, wherein the feature comprises at least one sub-
21	feature.	
22	54.	The system of claim 53, wherein the sub-feature may be used with other
23	features.	

1	55.	The system of claim 52, wherein the code received from the server	
2	component for the feature is an upgrade to an existing feature.		
3	56.	The system of claim 55, further comprising means for upgrading other	
4	existing features base	ed on the code received from the server component for the feature.	
5	57.	The method of claim 52, wherein the means for requesting the code for the	
6	feature from a server	component in the network includes at least one restriction on the feature.	
7	58.	A system for deploying computer code for a feature within a network,	
8	comprising:	•	
를 9		means for searching locally for the code for the feature, wherein the	
0 0 0 0 0 0 0 11 0 0	feature comprises a p	lurality of sub-features; and	
9 1711 m		means for requesting the code for at least one sub-feature from a server	
- 12	component within the	e network.	
≟13	59.	A system for deploying computer code for a feature within a network,	
13 14 14 0 0 015	comprising:		
□ □15		means for receiving a request for the code for the feature from a first	
16	component within th	e network;	
17		means for searching locally for the code for the feature; and	
18		means for requesting the code for the feature from a second component in	
19	the network.		
20	60.	The system of claim 59, further comprising means for receiving the code	
21	for the feature from t	he second component within the network.	

1		61.	The system of claim 60, further comprising means for determining
2	whether the fir	rst con	nponent has capability to process the code for the feature.
3		62.	The system of claim 60, further comprising means for transferring the
4	code for the fe	ature	to the first component within the network.
5		63.	A system for deploying computer code for a feature within a network,
6	comprising:		
7			means for receiving a request for the code for the feature from a
8	component wi	thin th	ne network;
□ 9			means for searching locally for the code for the feature; and
© 010 0 011 011 012 12			means for transferring the code for the feature to the component within the
11 11	network.		
12 12		64.	The system of claim 63, wherein the feature comprises separate versions.
<u>=</u> <u></u> ≟13		65.	The system of claim 64, further comprising means for determining a
13 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	version of the	code i	for the feature to transfer to the component within the network.
□ □15		66.	The system of claim 65, wherein the means for determining a version of
16	the code for th	ne feat	ure to transfer to the component within the network is based on a restriction.
17		67.	A system for deploying computer code for a feature within a network,
18	comprising:		
19			means for searching locally for the code for the feature, wherein the
20	feature compr	ises a	plurality of sub-features;
21			means for requesting the code for at least one sub-feature from a server
22	component in	the ne	etwork:

1		means for receiving code for at least one sub-feature from the server
2	component; and	
3	means for activating	the at least one sub-feature received from the server component.
4	68.	A system for deploying computer code for a feature within a network,
5	comprising:	
6		means for receiving a request for the code for the feature from a
7	component within the	e network, wherein the feature comprises at least one sub-feature;
8		means for searching locally for the code for the at least one sub-feature;
9	and	
스 실10 ጠ		means for determining whether the component has capability to process
	code for any sub-feat	ures of the feature.
<u>U</u> 12	69.	A system for deploying computer code for a feature within a network,
13	comprising:	
0 0 0 0 0 1 0 1 1 1 2 1 3 1 4 0 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1		means for receiving code for a feature;
		means for determining whether a client needs the feature; and
□ 16		means for transferring the code for the feature to at least one client.
17	70.	A system for deploying computer code for a feature within a network,
18	comprising:	
19		means for receiving a request for the code for the feature, wherein the
20	feature comprises a p	lurality of sub-features;
21		means for searching locally for the code for the feature;
22		means for requesting the code for the feature from a server component
23	within the network;	

1	means for receiving information from the server component within the		
2	network about the sub-features;		
3	means for searching locally for the code for the sub-features;		
4	means for requesting the code for at least one sub-feature from the server		
5	component within the network;		
6	means for receiving the code for the at least one sub-feature from the		
7	server component within the network; and		
8	means for activating the at least one sub-feature.		
9	71. A system for deploying computer code for a feature within a network,		
©10 m ©11 ©12 ©13	comprising:		
<u> </u>	means for receiving a request for the code for the feature from a first		
<u>បា</u> 12	component within the network, wherein the feature comprises a plurality of sub-features;		
13	means for sending information to the first component about the sub-		
14 14 15 15	features;		
户	means for receiving a request for the code for at least one sub-feature from		
= = 16	the first component within the network;		
17	means for searching locally for the code for the at least one sub-feature;		
18	and		
19	means for requesting the code for the at least one sub-feature from a		
20	second component in the network.		
21	72. An article of manufacture for causing a computer to deploy computer cod		
22	for a feature within a network, comprising:		

1		means for causing the computer to search locally for the code for the	
2	feature;		
3		means for causing the computer to request the code for the feature from a	
4	server component in	the network;	
5		means for causing the computer to receive the code for the feature from	
6	the server component	t; and	
7		means for causing the computer to activate the feature.	
8	73.	An article of manufacture for causing a computer to deploy computer code	
9	for a feature within a	for a feature within a network, comprising:	
©10 ©11 ©12 ©13		means for causing the computer to search locally for the code for the	
11 1	feature, wherein the feature comprises a plurality of sub-features; and		
切 ₁₂		means for causing the computer to request the code for at least one sub-	
13	feature from a server	component within the network.	
H 014 H 015 0 0 0 16	74.	An article of manufacture for causing a computer to deploy computer code	
T 15	for a feature within a	network, comprising:	
<u>□</u> 16		means for causing the computer to receive a request for the code for the	
17	feature from a first component within the network;		
18		means for causing the computer to search locally for the code for the	
19	feature; and		
20		means for causing the computer to request the code for the feature from a	
21	second component in	the network.	
22	75.	An article of manufacture for causing a computer to deploy computer code	
23	for a feature within a	network, comprising:	

1	means for causing the computer to receive a request for the code for the		
2	feature from a component within the network;		
3	means for causing the computer to search locally for the code for the		
4	feature; and		
5	means for causing the computer to transfer the code for the feature to the		
6	component within the network.		
7	76. An article of manufacture for causing a computer to deploy computer code		
8	for a feature within a network, comprising:		
□ 9 □	means for causing the computer to search locally for the code for the		
日 10 10 11 11 11 11 11 11 11 11	feature, wherein the feature comprises a plurality of sub-features;		
<u></u>	means for causing the computer to request the code for at least one sub-		
₩ 12	2 feature from a server component in the network;		
<u>1</u> 13	means for causing the computer to receive code for at least one sub-feature		
H13 C H14 C C 15	from the server component; and		
= 15	means for causing the computer to activate the at least one sub-feature received from the server		
16	component.		
17	77. An article of manufacture for causing a computer to deploy computer code		
18	for a feature within a network, comprising:		
19	means for causing the computer to receive a request for the code for the		
20	feature from a component within the network, wherein the feature comprises at least one sub-		
21	feature;		
22	means for causing the computer to search locally for the code for the at		
23	least one sub-feature; and		

1	means for causing the computer to determine whether the component has		
2	capability to process code for any sub-features of the feature.		
3	78. An article of manufacture for causing a computer to deploy computer cod		
4	for a feature within a network, comprising:		
5	means for causing the computer to receive code for a feature;		
6	means for causing the computer to determine whether a client needs the		
7	feature; and		
8	means for causing the computer to transfer the code for the feature to at		
□ 9	least one client.		
<u>—</u> 10	79. An article of manufacture for causing a computer to deploy computer cod		
	for a feature within a network, comprising:		
	means for causing the computer to receive a request for the code for the		
= == == 13	feature, wherein the feature comprises a plurality of sub-features;		
13 14 15	means for causing the computer to search locally for the code for the		
□ □15	feature;		
16	means for causing the computer to request the code for the feature from a		
17	server component within the network;		
18	means for causing the computer to receive information from the server		
19	component within the network about the sub-features;		
20	means for causing the computer to search locally for the code for the sub-		
21	features;		
22	means for causing the computer to request the code for at least one sub-		
23	feature from the server component within the network;		

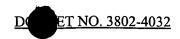
1		means for causing the computer to receive the code for the at least one	
2	sub-feature from the server component within the network; and		
3		means for causing the computer to activate the at least one sub-feature.	
4	80.	An article of manufacture for causing a computer to deploy computer code	
5	for a feature within a	network, comprising:	
6		means for causing the computer to receive a request for the code for the	
7	feature from a first co	omponent within the network, wherein the feature comprises a plurality of	
8	sub-features;		
9		means for causing the computer to send information to the first component	
10 10 11 11 11 12 13	about the sub-feature	s;	
11		means for causing the computer to receive a request for the code for at	
ហ្វា ក្រ12	least one sub-feature	from the first component within the network;	
= 13 = 1		means for causing the computer to search locally for the code for the at	
_ □14 ⊑	least one sub-feature	; and	
□14 □15 □16		means for causing the computer to request the code for the at least one	
□ ₁₆	sub-feature from a se	cond component in the network.	
17	81.	A system for deploying computer code for a feature within a network, the	
18	system comprising:		
19		a storage device storing a program;	
20		a processor in communication with the storage device, the processor	
21	operative with the program to:		
22		search locally for the code for the feature;	
23		request the code for the feature from a server component in the network;	

1		receive the code for the feature from the server component; and	
2		activate the feature.	
3	82.	A system for deploying computer code for a feature within a network, the	
4	system comprising:		
5		a storage device storing a program;	
6		a processor in communication with the storage device, the processor	
7	operative with the program to:		
8		search locally for the code for the feature, wherein the feature comprises a	
9	plurality of sub-featu	ares; and	
回 回 四 四 1 1 1 1 2 1 3 1 3 1 4 1 1 3 1 4 1 4 1 4 1 4 1 4 1		request the code for at least one sub-feature from a server component	
	within the network.		
<u></u> 12	83.	A system for deploying computer code for a feature within a network, the	
13	system comprising:		
는 14 다 15 다 15		a storage device storing a program;	
		a processor in communication with the storage device, the processor	
□ 16	operative with the program to:		
17		receive a request for the code for the feature from a first component within	
18	the network;		
19		search locally for the code for the feature; and	
20		request the code for the feature from a second component in the network.	
21	84.	A system for deploying computer code for a feature within a network, the	
22	system comprising:		
23		a storage device storing a program;	

1		a processor in communication with the storage device, the processor	
2	operative with the program to:		
3		receive a request for the code for the feature from a component within the	
4	network;		
5		search locally for the code for the feature; and	
6		transfer the code for the feature to the component within the network.	
7	85.	A system for deploying computer code for a feature within a network, the	
8	system comprising:		
9		a storage device storing a program;	
10 10 11 11 11 12 13		a processor in communication with the storage device, the processor	
	operative with the pro	ogram to:	
<u>ហ</u> ្វា ញ12		search locally for the code for the feature, wherein the feature comprises a	
<u>⊨</u> 13	plurality of sub-featu	res;	
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		request the code for at least one sub-feature from a server component in	
1 5	the network;		
= = 16		receive code for at least one sub-feature from the server component; and	
17	activate the at least o	ne sub-feature received from the server component.	
18	86.	A system for deploying computer code for a feature within a network, the	
19	system comprising:		
20		a storage device storing a program;	
21		a processor in communication with the storage device, the processor	
22	operative with the pr	ogram to:	

1		receive a request for the code for the feature from a component within the	
2	network, wherein the feature comprises at least one sub-feature;		
3		search locally for the code for the at least one sub-feature; and	
4		determine whether the component has capability to process code for any	
5	sub-features of the fe	ature.	
6	87.	A system for deploying computer code for a feature within a network, the	
7	system comprising:		
8		a storage device storing a program;	
9		a processor in communication with the storage device, the processor	
型 10	operative with the program to:		
		receive code for a feature;	
<u>ហ</u> ជា12		determine whether a client needs the feature; and	
13		transfer the code for the feature to at least one client.	
11 12 13 14 15 16	88.	A system for deploying computer code for a feature within a network, the	
<u>—</u> 15	system comprising:		
<u>=</u> 16		a storage device storing a program;	
17.		a processor in communication with the storage device, the processor	
18	operative with the program to:		
19		receive a request for the code for the feature, wherein the feature	
20	comprises a plurality of sub-features;		
21		search locally for the code for the feature;	
22		request the code for the feature from a server component within the	
23	network;		





1		receive information from the server component within the network about
2	the sub-features;	
3		search locally for the code for the sub-features;
4		request the code for at least one sub-feature from the server component
5	within the network;	
6		receive the code for the at least one sub-feature from the server component
7	within the network; a	and
8		activate the at least one sub-feature.
9	89.	A system for deploying computer code for a feature within a network, the
<u></u> 10	system comprising:	~
		a storage device storing a program;
ω Մ12		a processor in communication with the storage device, the processor
<u>⊨</u> = 13	operative with the pr	ogram to:
⊨ ⊡14		receive a request for the code for the feature from a first component within
달 15	the network, whereir	the feature comprises a plurality of sub-features;
□ □ ₁₆		send information to the first component about the sub-features;
17		receive a request for the code for at least one sub-feature from the first
18	component within th	e network;
19		search locally for the code for the at least one sub-feature; and
20		request the code for the at least one sub-feature from a second component
21	in the network.	